Group: Stuart Samson, Mico Maglaque, Ej Magdaluyo, Migo Mantes, Kevin Co

Service Contract containing the following:

* Entities involved
* Actions to be done against that entity

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| **Service Name: User Database Service** | |
| Entity Name: New User | |
| Action Description:  Create New User  Verify Login | Possible URL with Parameters:  /user/register/:user\_id,:username,:password,  :handle, :email\_address, :mobile\_number  login/:user\_id,:user\_password |
| Entity Name: User Data | |
| Action Description:  Get User based on user\_id  Get User Information | Possible URL with Parameters:  /user/:user\_id  /user/:user\_id/information |

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| **Service Name: Creature Database Service** | |
| Entity Name: Creatures | |
| Action Description:  Get Creature based on creature\_id  Get Creature Information | Possible URL with Parameters:  **/**creature/:creature\_id  /creature/:creature\_id/:creature\_information |
| Entity Name: UserCreatures | |
| Action Description:  Get UserCreature  Get UserCreature information | Possible URL with Parameters:  /user/:user\_id/user\_creature\_id  /user/:user\_id/user\_creature\_id/user\_creature\_information |
| Entity Name: Moves | |
| Action Description:  Get moves name based on id  Get moves information | Possible URL with Parameters:  /creature/:creature\_id/moves\_id  /creature/:creature\_id/moves\_id/moves\_information |
| Entity Name: UserCreatureMoves | |
| Action Description:  Get User Moves name based on id  Get User Moves Information | Possible URL with Parameters:  /user/:user\_id/user\_creature\_id/user\_creature\_moves  /user/:user\_id/user\_creature\_id/user\_creature\_moves  /user\_creature\_moves\_information |

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| **Service Name: Navigation Service** | |
| Entity Name: Locations | |
| Action Description:  Get location | Possible URL with Parameters:  gps/:location\_id/:location\_information |
| Entity Name: Creature\_Locations | |
| Action Description:  Get creature location | Possible URL with Parameters:  gps/:location\_id/:creature\_id |

* URL, input, output parameters, descriptions for each URl

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| **Service Name** | | | |
| URL | Input Parameter Names and description | Output Example | Description |
| GET/user\_id.html/1.1 | user.id- registered user’s  id | “user\_id”  :”110943” | Retrieves registered user’s id |
| GET/user\_id/user\_information.html/1.1 | user\_id/user\_information-details of user | “email\_add”:  “dengo@gmail”  “mobile\_no”:  ”###” | Retrieves details of user |
| GET/creature/creature\_id.html/1.1 | creature/creature\_id-creature’s id | “creature\_id”:”3234” | Retrieves id of creature |
| GET/creature/creature\_id/  creature\_information.html/1.1 | creature/creature\_id/  creature\_information  -details of creature | “nickname”:  “arcaine” | Retrieves details of creature |
| GET/creature/creature\_id  /moves\_id.html/1.1 | creature/creature\_id/  moves\_id-skills of creature | “name”:  “double team”  “type”:  ”normal” | Retrieves skills of creature |
| GET/creature/creature\_id/moves\_id  /moves\_information.html/1.1 | creature/creature\_id/  moves\_id/moves\_info  -details on skills of creature | “experience\_  points”:  “34433”  “max\_number”: “4” | Retrieves details on skills of creature |
| GET/user/user\_id/user\_creature\_id.html  /1.1 | user/user\_id/user\_  creature\_id  -id of creature owned by user | “creature\_id”:  “2323” | Retrieves id of creature owned by owner |
| GET/user/user\_id/user\_creature\_id/  user\_creature\_information.html/1.1 | user/user\_id/user\_  creature\_id/user\_  creature\_information  -details on creature of owner | “nickname”:  “wolfsbane” | Retrieves details on creature of owner |
| GET/gps/location\_id/  location\_information.html/1.1 | gps/location\_id/location\_  information  -details on targeted location | “location”: “Cerulean City”  “gps\_coordinates”:  37º 49' 10" north and 122º 29' 2" | Retrieves details of targeted location |
| GET/gps/location\_id/creature\_id.  html/1.1 | gps/location\_id/creature  \_id  -id of the creature being located | “creature\_id”:  “3433” | Retrieves id of creature being located |

http://curry.ateneo.net/moodle/file.php/624/sample\_service\_process.txt